Approved for use through 31/2005 MB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 05274/LH
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/534368

INTERNATIONAL APPLICATION NO. PCT/JP2003/016227	INTERNATIONAL FILING DATE 18 DECEMBER 2003	PRIORITY DATE CLAIMED 25 DECEMBER 2002

TITLE OF INVENTION OPTICAL DNA SENSOR, DNA READING APPARATUS, IDENTIFICATION METHOD OF DNA AND MANUFACTURING METHOD OF OPTICAL DNA SENSOR

APPLICANT(S) FOR DO/EO/US   **Jun OGURA and Hideaki ISHIDA.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [X] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. [X] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. [X] The US has been elected (Article 31).

5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))

    a. [X] is attached hereto (required only if not communicated by the International Bureau).

    b. [ ] has been communicated by the International Bureau.

    c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).

6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. [ ] is attached hereto.

    b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).

7. [ ] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

    a. [ ] are attached hereto (required only if not communicated by the International Bureau).

    b. [ ] have been communicated by the International Bureau.

    c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.

    d. [ ] have not been made and will not be made.

8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. [X] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. [ ] An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. [X] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. [X] A preliminary amendment.

14. [ ] An Application Data Sheet under 37 CFR 1.76.

15. [ ] A substitute specification.

16. [ ] A power of attorney and/or change of address letter.

17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. [X] Other items or information:

Int. Search Report; SB/08A; 4 references; Change of Correspondence Address; Request for Pub. Of Assignment Information; 1st page Int. appln; Int. Preliminary Examination Report; PCT Request; form PCT/IB/304.
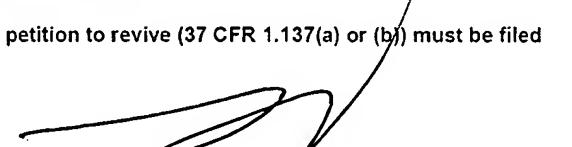
Express Mail Label No. EV 478 459 360 US
Date of Deposit: MAY 9, 2005
I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

Barbara Villani

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/534368	PCT/JP2003/016227	05274/LH

21. The following fees are submitted:

[X] a) Basic national fee.. $300.00	$ 300.00	
[X] b) Examination fee.. $200.00	$ 200.00	
[X] c) Search fee.. $500.00	$ 500.00	
TOTAL OF ABOVE CALCULATIONS = $1000.00	$ 1000.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
110 - 100 =	10 /50 =		x $250.00	$ 250.00

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$ .00	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	$	
Total claims	17 - 20 =	0	x $50.00	$ .00	
Independent claims	9 - 3 =	6	x $200.00	$ 1.200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360.00	$ .00	
		TOTAL OF ABOVE CALCULATIONS =		$ 2.450.00	

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.	$ .00	
SUBTOTAL =	$ 2.450.00	

Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +	$ .00	
TOTAL NATIONAL FEE =	$ 2.450.00	

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +	$ 40.00	
TOTAL FEES ENCLOSED =	$ 2.490.00	

	Amount to be refunded:	$ .00
	Amount to be charged:	$ .00

a. ☐ A check in the amount of $ _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. __06-1378__ . A duplicate copy of this sheet is enclosed.

d. [X] Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NO. 01933

Leonard Holtz
Frishauf, Holtz, Goodman & Chick P.C.
767 Third Avenue
25th Floor
New York NY 10017-2023   LH:bv

SIGNATURE

Leonard Holtz
NAME

22,974
REGISTRATION NUMBER

CHANGE OF CORRESPONDENCE ADDRESS *Application* Address to: **Commissioner for Patents** **P.O. Box 1450** **Alexandria, VA. 22313-1450**	Application Number	Not yet assigned
	Filing Date	Herewith
	First Named Inventor	OGURA
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	05274/LH

Please change the Correspondence Address for the above-identified application to:

[X]   Customer Number [01933   ]   →

OR

[ ] Firm or Individual Name	
Address	
Address	
City	.	State		ZIP	
Country	
Telephone		Fax	

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the:

[ ] Applicant/Inventor.

[ ] Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

[X] Attorney or Agent of record. **Registration No. 22,974**

[ ] Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____.

Typed or Printed Name	Leonard Holtz, Reg. No. 22,974
Signature	
Date May 9, 2005	Telephone: (212) 319-4900

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

[ ] Total of _____ forms are submitted.